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(71) Applicant (for all designated States except US): NISSAN MOTOR CO., LTD. [JP/JP]; No.2, Takara-cho, Kanagawa-ku, Yokohama-Shi, Kanagawa 228-0821 (JP).

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(72) Inventor; and

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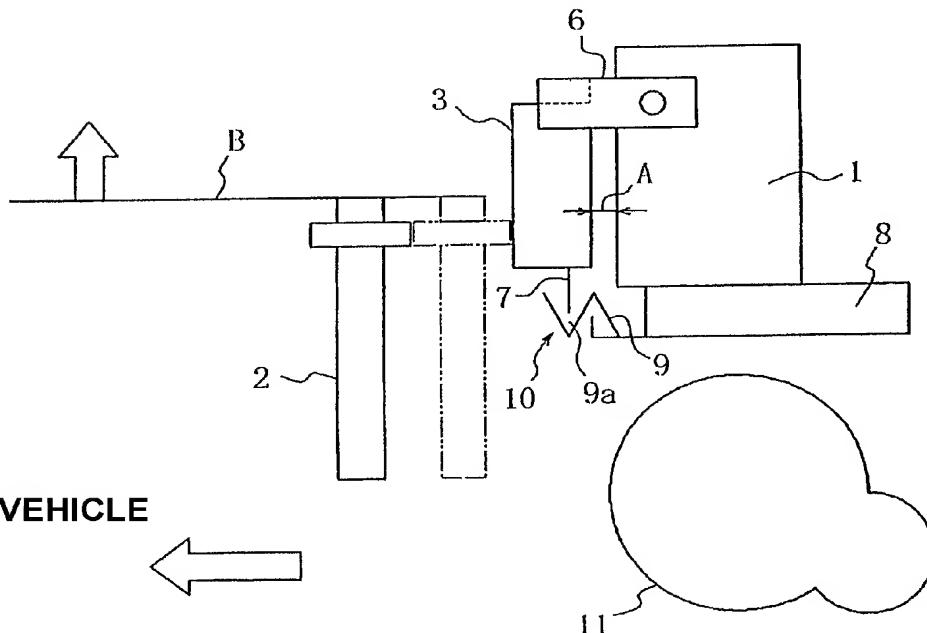
(75) Inventor/Applicant (for US only): YAJIMA, Tsutomu [JP/JP]; 3-3-7 Sagamidai, Sagamihara-shi, Kanagawa 228-0821 (JP).

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(57) Abstract: An inverter buffer structure for a vehicle is provided so that even when a head-on collision occurs, no damage is caused to the inverter case and its internal contents. In one embodiment an inverter buffer structure for a vehicle is disposed with an inverter in an engine compartment and is provided with buffer member between a surface of the inverter and a radiator core support that constitutes a portion of a frame of the vehicle to reduce an incoming force to the vehicle in the event of a collision.